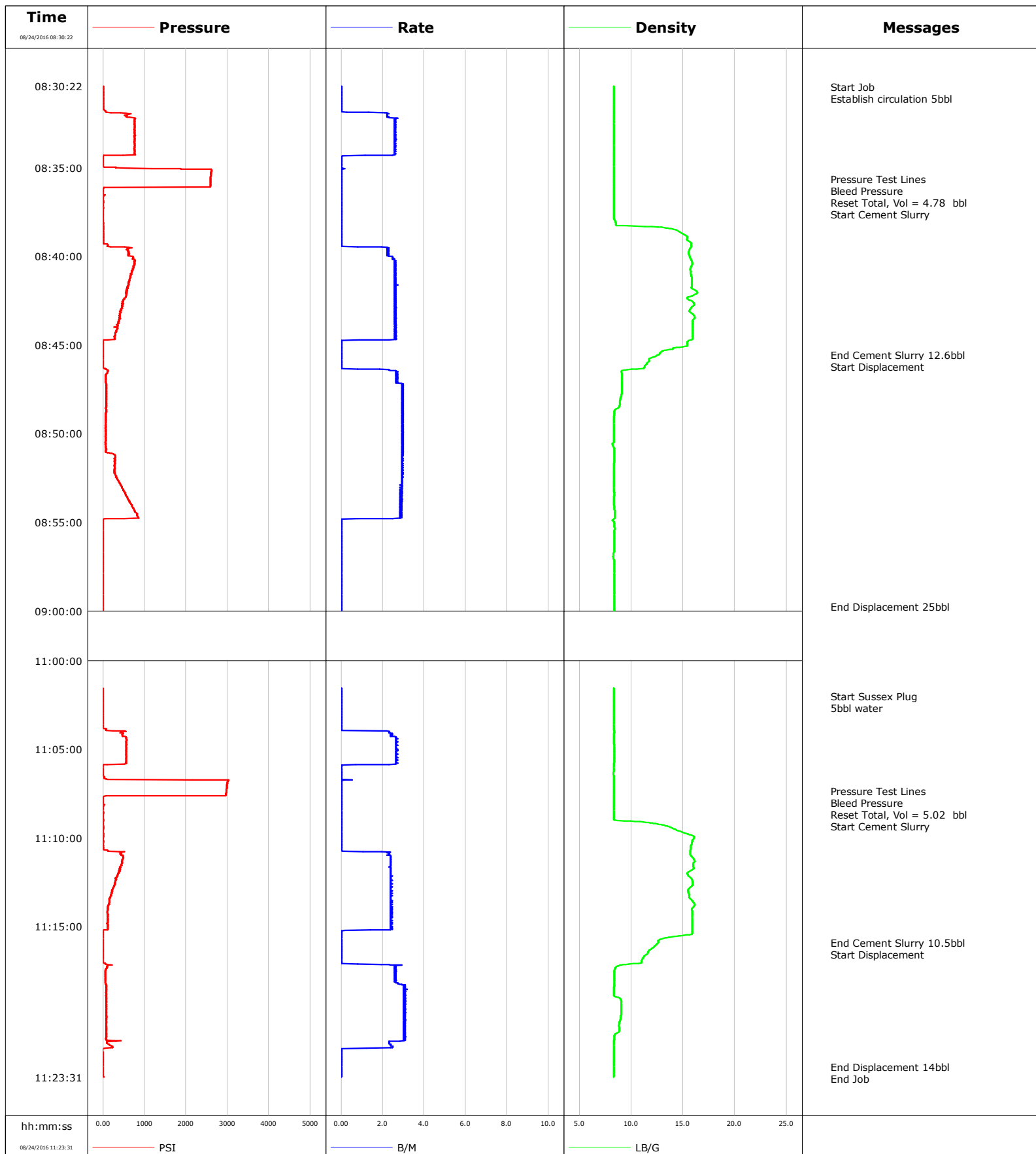


Well Brown USX VV 21-7
Field DJ
Engineer Chris Valerio
Country United States

Client Anadarko
SIR No. CWJN-01825
Job Type Niobrara Sussex Plugs
Job Date 08-24-2016



Cementing Service Report

				Customer Anadarko			Job Number CWJN-01825				
Well Browne USX VV 21-7			Location (legal)			Schlumberger Location			Job Start Aug/24/2016		
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 7593.0 ft		Well TVD 7593.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 220 degF		BHCT 210 degF		Pore Press. Gradient lb/gal	
Well Master 0630133710		API/UWI 05123083490002									
Rig Name Basic		Drilled For N/A		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class Old		Well Type Workover		7593.0		4.5		10.5	
						4936.0		4.5		10.5	
Drilling Fluid Type Other		Max. Density 8.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type Niobrara & Sussex Plugs				T		7593.0		2.4	
						T		4936.0		2.4	
Max. Allowed Tub. Press 1500 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Tubing		Displacement 25.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. 29.3 bbl		Casing Vol. 120.7 bbl		Annular Vol. 79.7 bbl	
										Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job		
Lift Pressure psi						Shoe Type			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft			Tool Type		
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in		
Job Scheduled For Aug/24/2016 07:00		Arrived on Location Aug/24/2016 07:00		Leave Location Aug/24/2016 12:00		Collar Type			Tail Pipe Depth ft		
						Collar Depth ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message					
08/24/2016	08:30:22	4	0.0	8.34	0.0	Started Acquisition					
08/24/2016	08:30:25	4	0.0	8.33	0.0	Start Job					
08/24/2016	08:30:43	4	0.0	8.34	0.0	Establish circulation 5bbl					
08/24/2016	08:35:22	2599	0.0	8.33	4.8						
08/24/2016	08:35:36	2595	0.0	8.33	4.8	Pressure Test Lines					
08/24/2016	08:36:07	22	0.0	8.33	4.8	Bleed Pressure					
08/24/2016	08:36:15	-10	0.0	8.33	4.8	Reset Total, Vol = 4.78 bbl					
08/24/2016	08:36:19	-10	0.0	8.33	0.0	Start Cement Slurry					
08/24/2016	08:40:22	773	2.6	15.88	2.2						
08/24/2016	08:45:22	-10	0.0	12.92	13.5						
08/24/2016	08:45:33	-5	0.0	12.60	13.5	End Cement Slurry 12.6bbl					
08/24/2016	08:46:00	-10	0.0	11.54	0.0	Start Displacement					
08/24/2016	08:50:22	63	2.9	8.34	11.6						
08/24/2016	08:55:22	-5	0.0	8.40	24.5						
08/24/2016	08:59:44	-1	0.0	8.35	24.5	End Displacement 25bbl					
08/24/2016	09:00:22	-1	0.0	8.35	24.5						
08/24/2016	09:03:07	-1	0.0	8.35	24.5	End Niobrara Plug					
08/24/2016	11:02:00	-1	0.0	8.34	0.0	Start Sussex Plug					
08/24/2016	11:02:06	-1	0.0	8.34	0.0	5bbl water					
08/24/2016	11:05:22	567	2.7	8.38	3.6						
08/24/2016	11:07:22	2970	0.0	8.35	5.0	Pressure Test Lines					

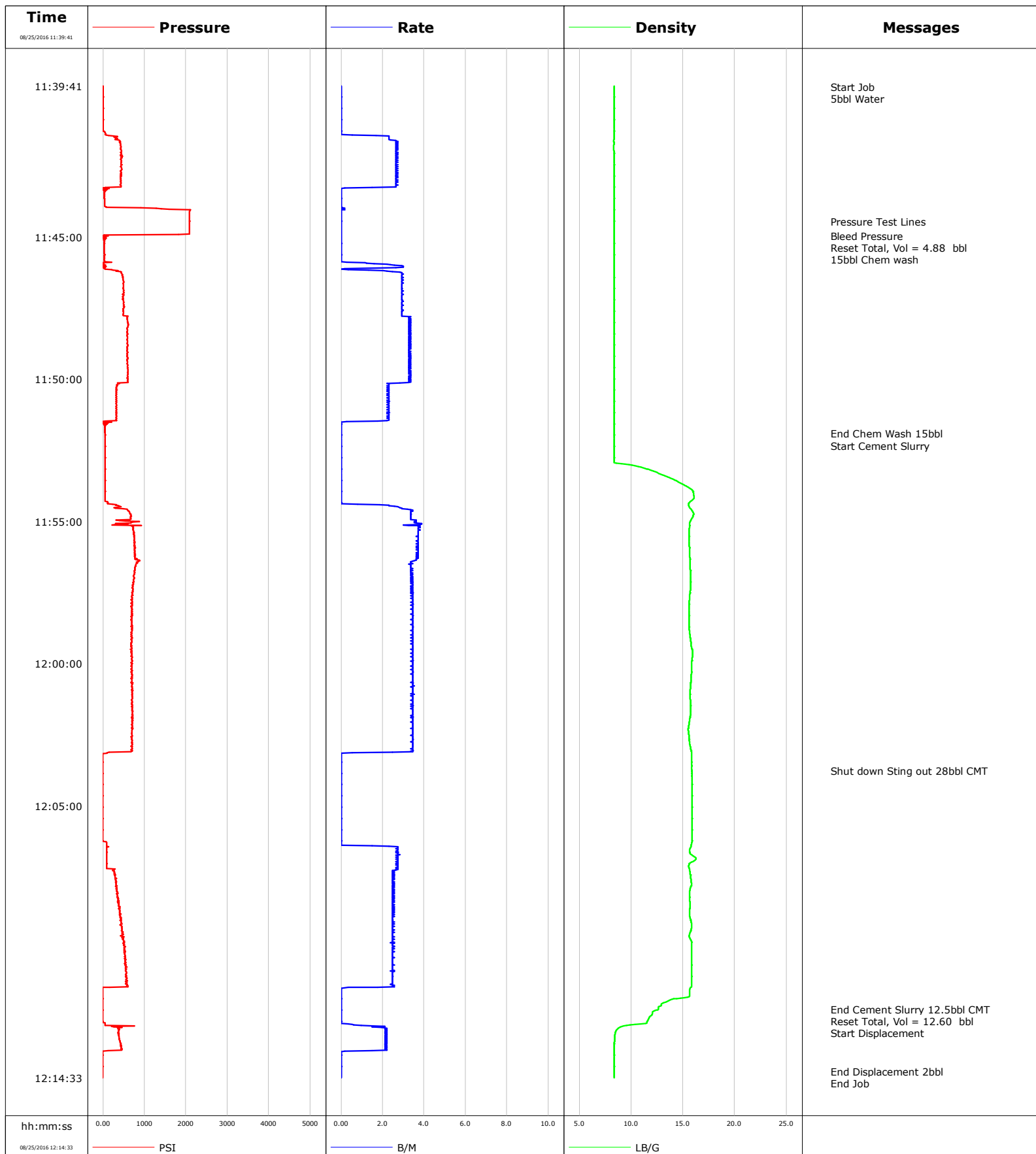
Well			Field		Job Start	Customer		Job Number
Browne USX VV 21-7			DJ		Aug/24/2016	Anadarko		CWJN-01825
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message		
08/24/2016	11:07:50	-5	0.0	8.35	5.0	Reset Total, Vol = 5.02 bbl		
08/24/2016	11:07:53	-10	0.0	8.35	0.0	Start Cement Slurry		
08/24/2016	11:10:22	-1	0.0	15.84	0.0			
08/24/2016	11:15:22	-5	0.0	15.89	10.6			
08/24/2016	11:15:56	-5	0.0	12.62	10.6	End Cement Slurry 10.5bbl		
08/24/2016	11:16:05	-5	0.0	12.34	0.0	Start Displacement		
08/24/2016	11:20:22	81	3.0	8.90	9.4			
08/24/2016	11:22:56	-10	0.0	8.35	13.7	End Displacement 14bbl		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 2.7	N2	Mud	Maximum Rate 3.2	Total Slurry 10.5	Mud 0.0	Spacer 5.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 889	Final -5	Average 427	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 10.5 bbl	Displacement 14.0 bbl	Mix Water Temp 66 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Nick Lang			Schlumberger Supervisor Chris Valerio			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					

Well Browne USX VV 21-7
Field DJ
Engineer Chris Valerio
Country United States

Client Anadarko
SIR No. CWJN-01827
Job Type Fox Hill Sqz
Job Date 08-25-2016



Cementing Service Report

				Customer Anadarko			Job Number CWJN-01827					
Well Browne USX VV 21-7			Location (legal)		Schlumberger Location			Job Start Aug/25/2016				
Field DJ		Formation Name/Type		Deviation deg	Bit Size in		Well MD 1802.0 ft		Well TVD 1802.0 ft			
County Weld		State/Province Colorado		BHP psi	BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal			
Well Master 630133710		API/UWI 05123083490002										
Rig Name Basic	Drilled For N/A		Service Via Land	Casing/ Liner								
				Depth, ft		Size, in	Weight, lb/ft		Grade			
				1802.0		4.5	10.5		J55			
Offshore Zone	Well Class Old		Well Type Workover	0.0		0.0	0.0					
Drilling Fluid Type			Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe							
					T/D		Depth, ft		Size, in			
							Weight, lb/ft		Grade			
Service Line Cementing			Job Type Fox Hill Sqz		T		1553.0		2.4			
							4.7		N80			
					0.0		0.0		0.0			
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole						
						Top, ft		Bottom, ft		shot/ft		
						1500.0 ft		1802.0 ft				
						0.0 ft		0.0 ft				
						0.0 ft		0.0 ft				
						Treat Down Tubing		Displacement 2.0 bbl		Packer Type		
										Packer Depth ft		
						Tubing Vol. 6.0 bbl		Casing Vol. bbl		Annular Vol. bbl		
										Openhole Vol. bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>			1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>			Casing Tools			Squeeze Job			
Lift Pressure psi						Shoe Type			Squeeze Type			
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Depth ft			Tool Type			
No. Centralizers			Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Aug/25/2016 10:30		Arrived on Location Aug/25/2016 10:30		Leave Location Aug/25/2016 13:00		Collar Type			Tail Pipe Depth ft			
						Collar Depth ft			Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message						
08/25/2016	11:39:41	4	0.0	8.36	0.0	Started Acquisition						
08/25/2016	11:39:43	4	0.0	8.36	0.0	Start Job						
08/25/2016	11:39:50	4	0.0	8.36	0.0	5bbl Water						
08/25/2016	11:44:26	2082	0.0	8.35	4.9	Pressure Test Lines						
08/25/2016	11:44:41	2082	0.0	8.35	4.9							
08/25/2016	11:44:57	4	0.0	8.35	4.9	Bleed Pressure						
08/25/2016	11:45:00	4	0.0	8.35	4.9	Reset Total, Vol = 4.88 bbl						
08/25/2016	11:45:27	36	0.0	8.35	0.0	15bbl Chem wash						
08/25/2016	11:49:41	599	3.3	8.36	11.5							
08/25/2016	11:51:54	49	0.0	8.36	16.0	End Chem Wash 15bbl						
08/25/2016	11:52:01	49	0.0	8.36	0.0	Start Cement Slurry						
08/25/2016	11:54:41	645	3.4	15.98	0.0							
08/25/2016	11:59:41	686	3.5	15.94	17.2							
08/25/2016	12:03:46	-5	0.0	15.87	29.0	Shut down Sting out 28bbl CMT						
08/25/2016	12:04:41	-1	0.0	15.87	0.0							
08/25/2016	12:09:41	475	2.6	15.74	8.4							
08/25/2016	12:12:08	-5	0.0	12.62	12.6	End Cement Slurry 12.5bbl CMT						
08/25/2016	12:12:11	-5	0.0	12.43	12.6	Reset Total, Vol = 12.60 bbl						
08/25/2016	12:12:14	-5	0.0	12.10	0.0	Start Displacement						
08/25/2016	12:14:20	-5	0.0	8.37	1.9	End Displacement 2bbl						

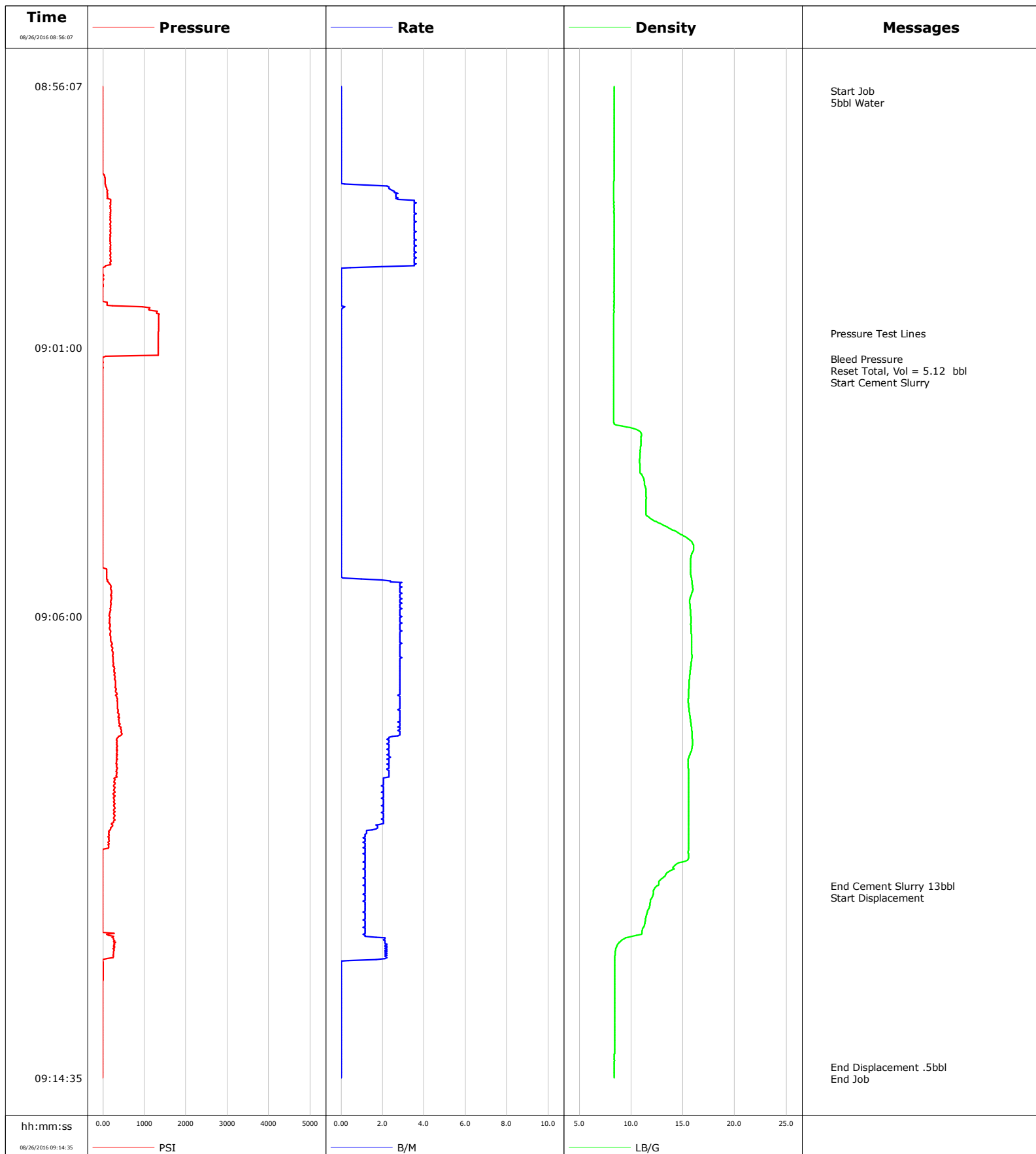
Well Browne USX VV 21-7	Field DJ	Job Start Aug/25/2016	Customer Anadarko	Job Number CWJN-01827
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.9	N2	Mud	Maximum Rate 3.9		Total Slurry 40.5	Mud 0.0	Spacer 15.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 902	Final -5	Average 476	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 40.5 bbl		Displacement 2.0 bbl		Mix Water Temp 69 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Nick Lang				Schlumberger Supervisor Chris Valerio				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

Well Browne USX VV 21-7
Field DJ
Engineer Chris Valerio
Country United States

Client Anadarko
SIR No. CWJN-01828
Job Type Stub Plug
Job Date 08-26-2016



Cementing Service Report

				Customer Anadarko			Job Number CWJN-01828					
Well Browne USX VV 21-7 USX VV 21-7			Location (legal)			Schlumberger Location			Job Start Aug/26/2016			
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 513.0 ft		Well TVD 513.0 ft		
County Weld		State/Province Colorado		BHP psi		BHST 90 degF		BHCT 80 degF		Pore Press. Gradient lb/gal		
Well Master 630133710		API/UWI 05123083490002										
Rig Name Basic		Drilled For N/A		Service Via Land		Casing/ Liner						
						Depth, ft		Size, in		Weight, lb/ft		
										Grade		
										Thread		
Offshore Zone		Well Class Old		Well Type Workover		513.0		4.5		10.5		
						0.0		0.0		0.0		
Drilling Fluid Type Other		Max. Density 8.30 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe						
						T/D		Depth, ft		Size, in		
										Weight, lb/ft		
										Grade		
										Thread		
Service Line Cementing		Job Type Stub Plug				T		513.0		2.4		
										4.7		
										N80		
										8RD		
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole						
						Top, ft		Bottom, ft		shot/ft		
										No. of Shots		
										Total Interval ft		
										Diameter in		
						Treat Down Tubing		Displacement 0.5 bbl		Packer Type		
										Packer Depth ft		
						Tubing Vol. 1.9 bbl		Casing Vol. 8.1 bbl		Annular Vol. bbl		
										Openhole Vol. bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>			1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>			Casing Tools			Squeeze Job			
Lift Pressure psi						Shoe Type			Squeeze Type			
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Depth ft			Tool Type			
No. Centralizers			Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Aug/26/2016 08:00		Arrived on Location Aug/26/2016 08:00		Leave Location Aug/26/2016 10:00		Collar Type			Tail Pipe Depth ft			
						Collar Depth ft			Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stg Volume BBL	Message						
08/26/2016	08:56:07	-5	0.0	8.35	0.0	Started Acquisition						
08/26/2016	08:56:12	-5	0.0	8.35	0.0	Start Job						
08/26/2016	08:56:19	-5	0.0	8.35	0.0	5bbl Water						
08/26/2016	09:00:43	1336	0.0	8.35	5.1	Pressure Test Lines						
08/26/2016	09:01:07	1331	0.0	8.35	5.1							
08/26/2016	09:01:12	-5	0.0	8.35	5.1	Bleed Pressure						
08/26/2016	09:01:15	-5	0.0	8.35	5.1	Reset Total, Vol = 5.12 bbl						
08/26/2016	09:01:20	-5	0.0	8.35	0.0	Start Cement Slurry						
08/26/2016	09:06:07	155	2.9	15.77	2.3							
08/26/2016	09:11:01	-5	1.2	12.50	12.9	End Cement Slurry 13bbl						
08/26/2016	09:11:07	-5	1.2	12.14	0.0							
08/26/2016	09:11:09	-5	1.2	12.14	0.0	Start Displacement						
08/26/2016	09:14:23	-5	0.0	8.39	0.6	End Displacement .5bbl						

Well Browne USX VV 21-7 USX VV 21-7	Field DJ	Job Start Aug/26/2016	Customer Anadarko	Job Number CWJN-01828
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.3	N2	Mud	Maximum Rate 3.6		Total Slurry 13.0	Mud 0.0	Spacer 5.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 455	Final 4	Average 328	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 13.0 bbl		Displacement 0.5 bbl		Mix Water Temp 67 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 2.0 bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Nick Lang				Schlumberger Supervisor Chris Valerio				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-